

Claims Renumbered - RLP

Applic. No. 09/630,563

Amendment Accompanying Request for Continued Examination filed September 29, 2008

Response to Office Action dated April 4, 2008

LISTING OF CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

~~1~~ (Canceled)

~~12~~ ¹¹ (Previously presented) An electronic server system as claimed in claim ~~12~~, wherein said virtual terminal connects to said processing unit via a commercial telephone line or a private line, and said personal terminal connects to said processing unit via a radio telephone communication.

~~3~~ (Canceled)

~~20~~ ²⁷ (Previously presented) An electronic server system as claimed in claim ~~20~~, wherein said communicating section connects to said virtual terminal via a commercial telephone line or a private line, and said communicating section connects to said personal terminal via radio telephone communication.

~~5~~ ³⁵ (Canceled)

~~1~~ ³⁶ (Currently amended) An electronic system for setting up an authentication through a communication network, comprising:
a personal terminal which is operated for participating in the authentication, said personal terminal being connectable to the communication network and including an information indicating unit and an input unit for inputting a signal indication;

a virtual terminal which is connectable to the communication network for participating in the authentication with said personal terminal; and

a synchronizing server communicating with said personal terminal and with said virtual terminal, said synchronizing server activating the virtual terminal and setting up link information including authentication ID information in association with said virtual terminal and transmits said link information to said personal terminal upon receipt by said synchronizing server of information regarding the authentication, and said synchronizing server establishing a synchronization of communication between said personal terminal and said virtual terminal one-to-one upon receipt of both the same authentication ID information and the ~~signal~~indication in response to the link information indicated on the indicating unit from said personal terminal,

wherein said personal and virtual terminals send and receive messages in real time via the synchronizing server during the synchronization, and the synchronizing server initiates the virtual terminal after the communication.

2 ~~35~~ (Previously presented) An electronic system as claimed in claim ~~35~~¹, further comprising a cashier server connected to said synchronizing server via the communicating network, said cashier server generating said virtual terminal.

3 ~~36~~ (Previously presented) An electronic system as claimed in claim ~~36~~¹, wherein said personal terminal comprises at least one of a cellular phone, a PDA and a notebook type personal computer; and the information regarding the authentication comprises personal terminal information including at least one of a telephone number and an e-mail address of said personal terminal.

4. 39. (Previously presented) An electronic system as claimed in claim 36, further comprising:

a personal terminal database for storing personal terminal information including at least one of a telephone number and an e-mail address of the personal terminal; and

a virtual terminal database for storing virtual terminal information including at least information for identifying said virtual terminal, which information being indicated on said information indicating unit of said personal terminal;

wherein said synchronizing server identifies said personal terminal based on the information regarding the authentication transmitted from said personal terminal and the personal terminal information stored in said personal terminal database and transmits the virtual terminal information as a part of the link information to said personal terminal.

5. 40. (Previously presented) An electronic system as claimed in claim 39, wherein said synchronizing server transmits the virtual terminal information with an internet address to said personal terminal.

6. 41. (Previously presented) An electronic system as claimed in claim 39, wherein the virtual terminal information includes information relating to an item for the authentication.

7. 42. (Currently amended) An electronic system as claimed in claim 36, wherein the information regarding the authentication includes a number listed in at least one of a mail order advertisement and a catalog distributed to a user of said personal terminal in advance.

11 13. (Currently amended) An electronic server system for setting up an authentication through a communication network, which communicates a virtual terminal for participating in the authentication with a personal terminal including an information indicating unit and an input unit for inputting a ~~signal~~ indication, comprising,

a communicating section connected to the communication network, and

a processing unit for communicating with the personal terminal and with the virtual terminal through said communicating section, said processing unit activating the virtual terminal and setting up link information including authentication ID information in association with the virtual terminal and transmitting said link information which is indicable in the information indicating unit of the personal terminal upon receipt of information regarding the authentication, said processing unit establishing a synchronization of communication between the personal terminal and the virtual terminal one-to-one upon receipt of both the same authentication ID information transmitted to the personal terminal and the ~~signal~~ indication in response to the link information indicated on the indicating unit from the personal terminal,

wherein said personal and virtual terminals send and receive messages in real time via the processing unit server during the synchronization, and the processing unit initiates the virtual terminal after the communication.

13 14. (Currently amended) An electronic server system as claimed in claim 13, further comprising a cashier server which includes the virtual terminal, wherein said processing unit transmits the ~~signal~~ indication for generating the virtual terminal to said cashier server through said communicating section.

14/ ~~45~~ (Previously presented) An electronic server system as claimed in claim 43,
wherein the personal terminal comprises at least one of a cellular phone, a PDA and a notebook
type personal computer; and the information regarding the authentication comprises personal
terminal information including at least one of a telephone number and an e-mail address of the
personal terminal.

15/ ~~46~~ (Previously presented) An electronic server system as claimed in claim 43,
further comprising:
a personal terminal database for storing personal terminal information including at
least one of a telephone number and an e-mail address of the personal terminal; and

a virtual terminal database for storing virtual terminal information including at
least information for identifying the virtual terminal, which information being indicated on the
information indicating unit of the personal terminal;

wherein said processing unit identifies the personal terminal based on the
information regarding the authentication transmitted from the personal terminal and the personal
terminal information stored in said personal terminal database and transmits the virtual terminal
information as a part of the link information to the personal terminal through said
communicating section.

16/ ~~47~~ (Previously presented) An electronic server system as claimed in claim 46,
wherein said processing unit transmits the virtual terminal information with an internet address
to the personal terminal.

12 ~~48~~ (Previously presented) An electronic server system as claimed in claim ~~48~~,
wherein the virtual terminal information includes information relating to an item for the
authentication.

18 ~~49~~ (Previously presented) An electronic server system as claimed in claim ~~49~~,
wherein the information regarding the authentication includes a number listed in at least one of a
mail order advertisement and a catalog distributed to a user of said personal terminal in advance.

19 ~~50~~ (Previously presented) An electronic server system as claimed in claim ~~50~~,
wherein said communicating section further comprises a first communicating unit connected to
the virtual terminal via a first communicating network, and a second communicating unit
connected to the personal terminal via a second communicating network.

23 ~~51~~ (Currently amended) A recording medium which stores a program for a
computer, for setting up an authentication through a communication network, which
communicates a virtual terminal for participating in the authentication with a personal terminal
including an information indicating unit and an input unit for inputting a signal ~~signal~~ indication,
comprising:

a communicating module which operates the computer to communicate with the
virtual terminal and with the personal terminal through the communicating network, and

a processing module for communicating with said personal terminal and with said
virtual terminal through said communicating section, said processing module activating the
virtual terminal and setting up link information including authentication ID information in
association with said virtual terminal and transmitting said link information which is indicatable

in the information indicating unit of the personal terminal upon receipt of information regarding the authentication transmitted by said personal terminal, said processing module establishing a synchronization of communication between said personal terminal and said virtual terminal one-to-one upon receipt of both the same authentication ID information transmitted to the personal terminal and the ~~signal~~link information in response to the link information indicated on the indicating unit from said personal terminal,

wherein said processing module controls sending and receiving of messages in real time by said personal and virtual terminals during the synchronization, and initiates the virtual terminal after the communication.

~~52-62~~ (Canceled)

~~27-62~~ (Currently amended) An electronic server system for setting up an authentication through a communication network, which communicates with a virtual terminal (for participating in the authentication, a personal terminal having an information indicating unit, and an order-receiving center including an order-receiving unit for receiving the information regarding the authentication through an input unit of a communicating terminal for inputting information regarding the authentication; comprising:

a communicating section connected to the communication network; and

a processing unit for activating the virtual terminal and setting up a link information including authentication ID information in every authentication and transmitting the link information which is indicatable in the information indicating unit of the personal terminal, upon receipt of the information regarding the authentication transmitted by the order-receiving

unit through said communicating section, said processing unit establishing a synchronization of communication between the personal terminal and the virtual terminal one-to-one upon receipt of both the same authentication ID information transmitted to the personal terminal and a ~~signal~~ signal indication inputted by using the input unit in response to the link information indicated on the indicating unit from the personal terminal.

wherein said personal and virtual terminals send and receive messages in real time via the processing unit server during the synchronization and the processing unit initiates the virtual terminal after the communication.

29 27
64 (Currently amended) An electronic server system as claimed in claim 63, further comprising a cashier server which includes the virtual terminal, wherein said processing unit transmits a ~~signal~~ signal instruction for generating the virtual terminal to said cashier server through said communicating section.

30 27
65 (Previously presented) An electronic server system as claimed in claim 64, wherein the personal terminal comprises at least one of a cellular phone, a PDA and a notebook type personal computer, and the information regarding the authentication comprises personal terminal information including at least one of a telephone number and an e-mail address of the personal terminal.

31 27
66 (Previously presented) An electronic server system as claimed in claim 65, further comprising:

a personal terminal database for storing personal terminal information including at least one of a telephone number and an e-mail address of the personal terminal; and

a virtual terminal database for storing virtual terminal information including at least information for identifying said virtual terminal, which information being indicated on said indicating unit of the personal terminal;

wherein said processing unit identifies the personal terminal based on the information regarding the authentication transmitted from the communicating terminal and the personal terminal information stored in said personal terminal database and transmits the virtual terminal information as a part of the link information to the personal terminal through said communicating section.

32/ 31/ ~~67.~~ (Previously presented) An electronic server system as claimed in claim ~~66~~, wherein said processing unit transmits the virtual terminal information with an internet address to the personal terminal.

33/ 31/ ~~68.~~ (Previously presented) An electronic server system as claimed in claim ~~66~~, wherein the virtual terminal information includes information relating to an item for the authentication.

34/ 27/ ~~69.~~ (Previously presented) An electronic server system as claimed in claim ~~66~~, wherein the information regarding the authentication includes a number listed in at least one of a mail order advertisement and a catalog distributed to a user of said personal terminal in advance.

36/ 27/ ~~70.~~ (Previously presented) An electronic server system as claimed in claim ~~66~~, wherein said communicating section comprises:

a first communicating unit connected to the virtual terminal via a first communicating network; and

a second communicating unit connected to the personal terminal via a second communicating network.

35 21. (Previously presented) An electronic server system as claimed in claim 60, wherein said communicating section is connectable to the order-receiving center through a communicating line.

37 22. (Previously presented) An electronic server system as claimed in claim 63, wherein the personal terminal includes a phone and said communicating section receives information relating to the information regarding the authentication inputted from the input unit of said personal terminal with voice into the order-receiving unit.

38 23. (Previously presented) An electronic server system as claimed in claim 64, wherein

the personal terminal comprises at least one of a cellular phone, a PDA and a notebook type personal computer; and

the communicating section is connectable to the order-receiving center through a communicating line comprising at least one of a telephone line, a private line and a LAN.

42 24. (Currently amended) A recording medium which stores a program for a computer, for setting up an authentication through a communication network, which communicates with a virtual terminal for participating in the authentication, a personal terminal

having an information indicating unit, and an order-receiving center including an order-receiving unit for receiving the information regarding the authentication through an input unit of a communicating terminal for inputting information regarding the authentication; comprising:

a communicating module which operates the computer to communicate with the virtual terminal and with the personal terminal through the communicating network; and

a processing module for activating the virtual terminal and setting up a link information including authentication ID information in every authentication and transmitting the link information which is indicatable in the information indicating unit of the personal terminal upon receipt of the information regarding the authentication transmitted by the order-receiving unit through the communicating section, said processing module establishing a synchronization of communication between the personal terminal and the virtual terminal one-to-one upon receipt of both the same authentication ID information (transmitted to the personal terminal and a signal an indication inputted by using the input unit in response to the link information indicated on the indicating unit from the personal terminal,

wherein said processing module controls sending and receiving of real time messages by said personal and virtual terminals during the synchronization and initiating the virtual terminal after the communication.

~~75-94. (Cancelled)~~

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~~98. (Previously presented)~~ The electronic system according to claim 36, wherein

the synchronizing server receives the information regarding the authentication via the virtual terminal.

9 ~~26~~ (Previously presented) The electronic system according to claim ~~26~~, wherein the synchronizing server receives the information regarding the authentication inputted by the input unit of the personal terminal.

10 ~~97~~ (Currently amended) The electronic system according to claim ~~26~~, wherein a ~~signal~~ the indication inputted by the input unit includes a confirmation ~~signal~~ indicating establishment of the synchronization.

20 ~~98~~ (Previously presented) The electronic server system according to claim ~~45~~, wherein the processing unit receives the information regarding the authentication via the virtual terminal.

21 ~~99~~ (Previously presented) The electronic server system according to claim ~~45~~, wherein the processing unit receives the information regarding the authentication inputted by the input unit of the personal terminal.

22 ~~100~~ (Currently amended) The electronic server system according to claim ~~45~~, wherein a ~~signal~~ the indication inputted by the input unit includes a confirmation ~~signal~~ indicating establishment of the synchronization.

24 ~~101~~ (Previously presented) The recording medium according to claim ~~54~~, wherein the processing module receives the information regarding the authentication via the virtual terminal.

25 102. (Previously presented) The recording medium according to claim 54,
wherein the processing module receives the information regarding the authentication inputted by
the input unit of the personal terminal.

26 105. (Currently amended) The recording medium according to claim 51, wherein
a ~~signal~~ the indication inputted by the input unit includes a confirmation ~~signal~~ indicating
establishment of the synchronization.

39 104. (Previously presented) The electronic server system according to claim 63,
wherein the processing unit receives the information regarding the authentication via the virtual
terminal.

40 105. (Previously presented) The electronic server system according to claim 63,
wherein the processing unit receives the information regarding the authentication inputted by the
input unit of the communicating terminal.

41 106. (Currently amended) The electronic server system according to claim 64,
wherein a ~~signal~~ the indication inputted by the input unit includes a confirmation ~~signal~~ indicating
establishment of the synchronization.

43 107. (Previously presented) The recording medium according to claim 74,
wherein the processing module receives the information regarding the authentication via the
virtual terminal.

464 108. (Previously presented) The recording medium according to claim 74, wherein the processing module receives the information regarding the authentication inputted by the input unit of the communicating terminal.

465 109. (Currently amended) The recording medium according to claim 74, wherein a ~~signal~~ the indication inputted by the input unit includes a confirmation ~~signal~~ indicating establishment of the synchronization.